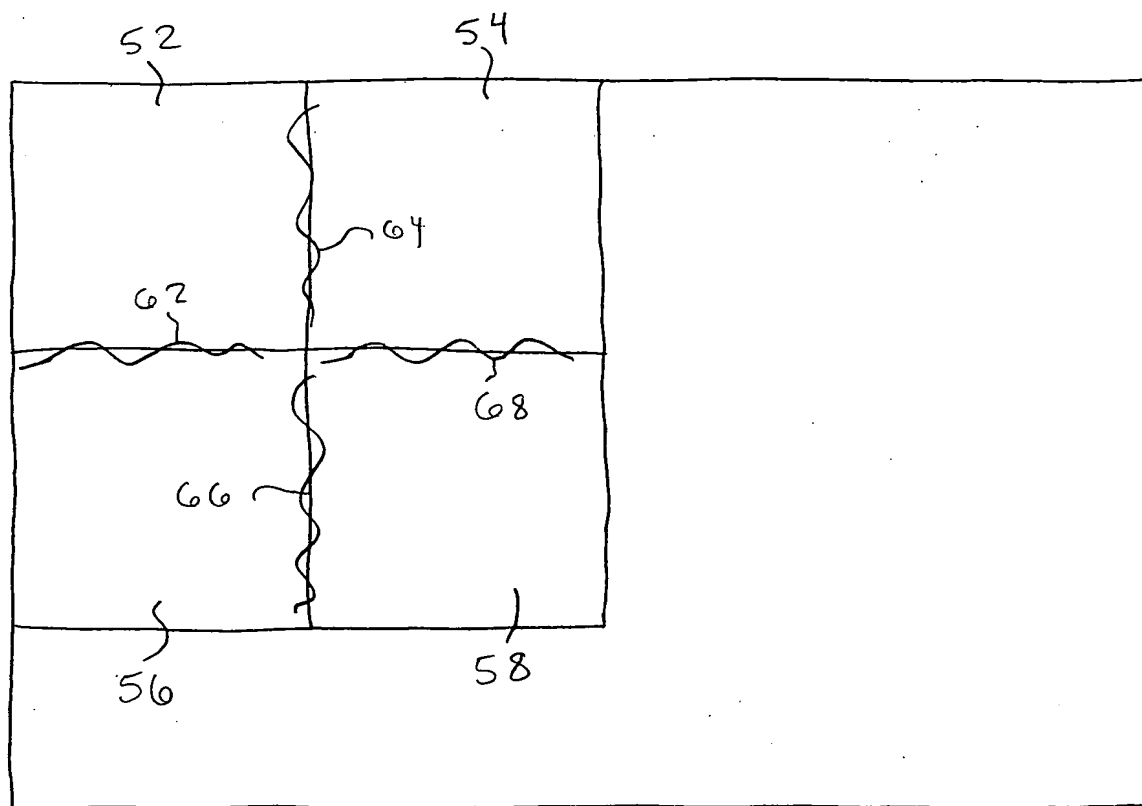


Fig. 1
(prior art)

10 ↗



50 ↗

Fig. 2
(prior art)

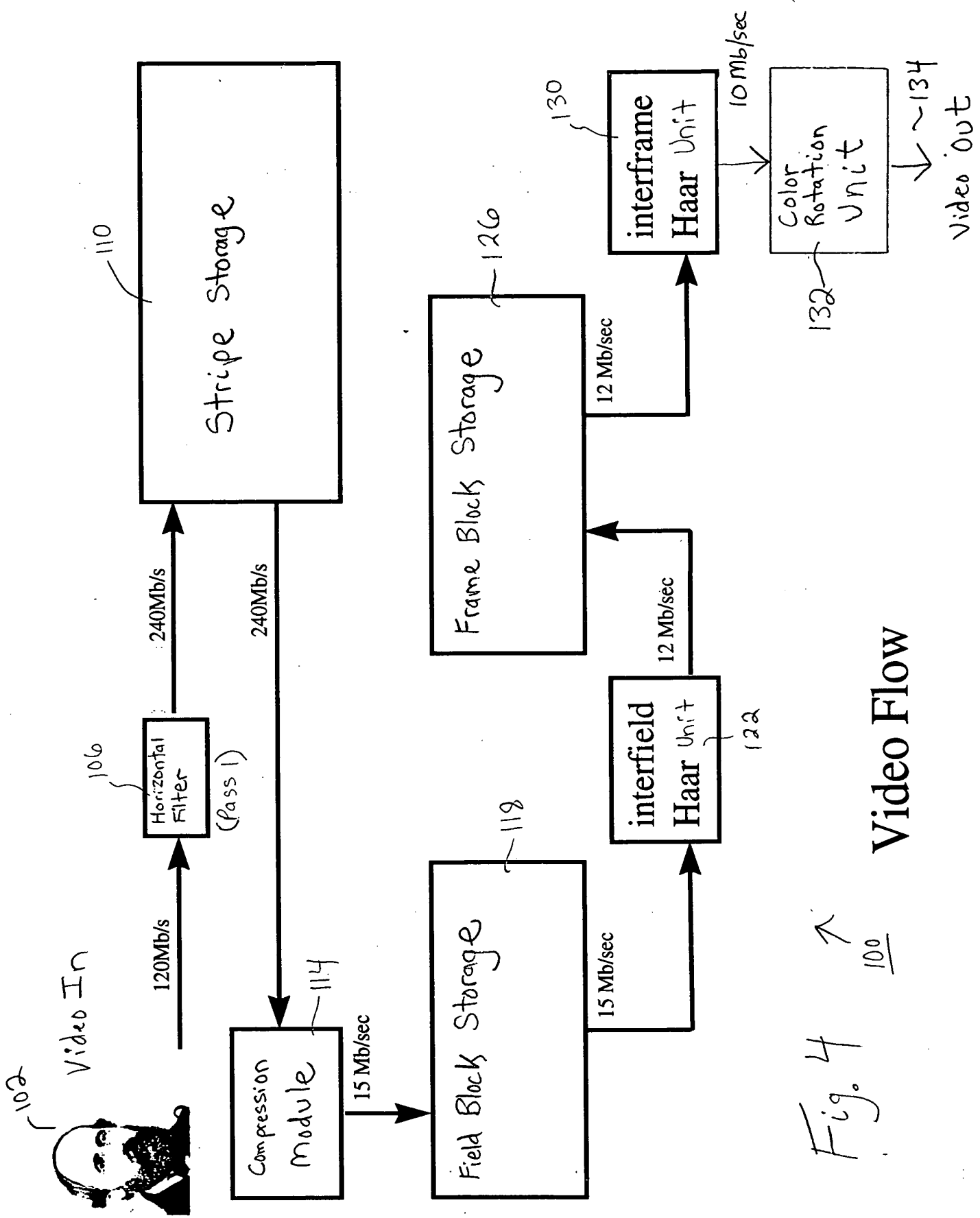
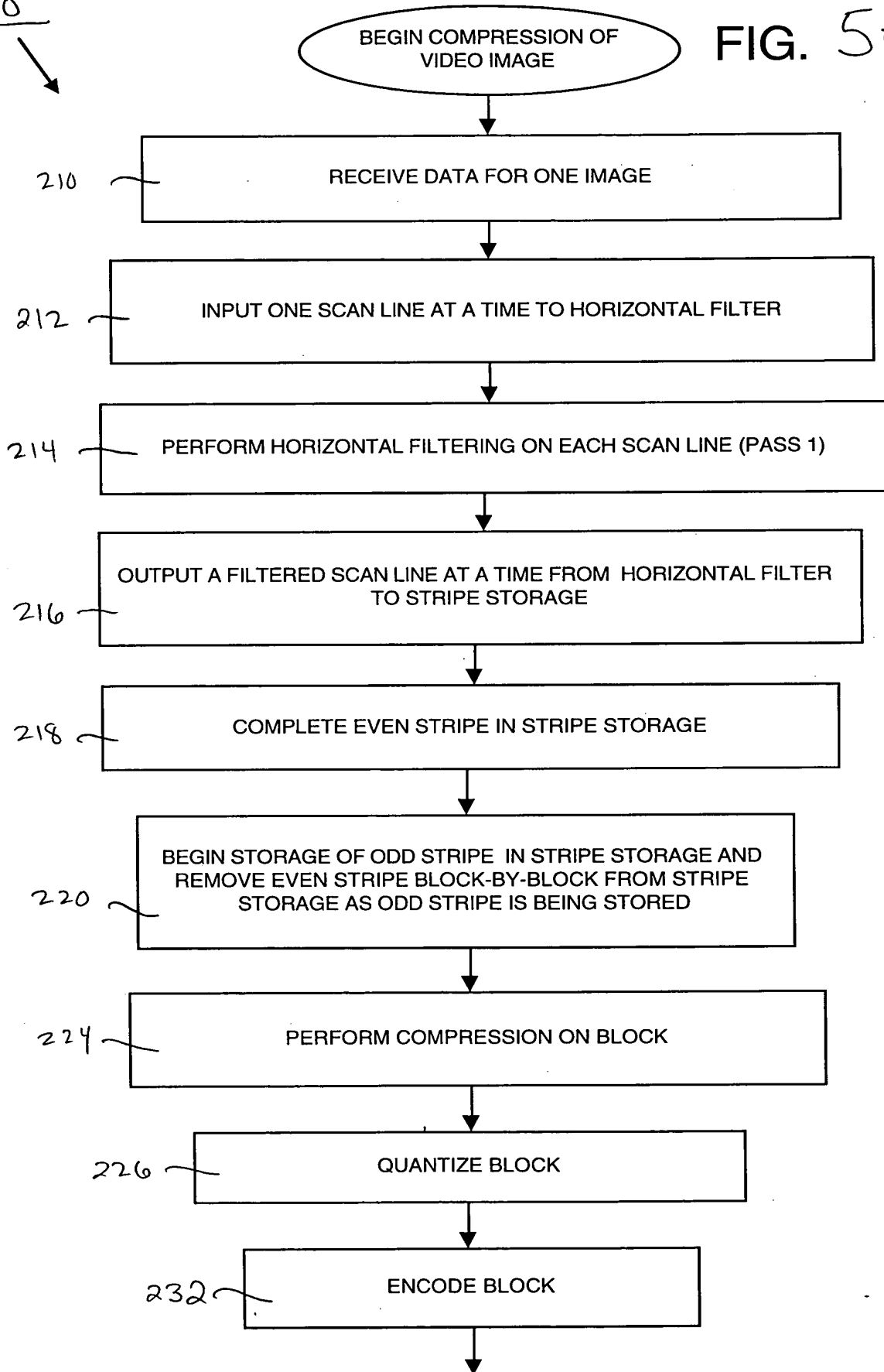


Fig. 4

Video Flow

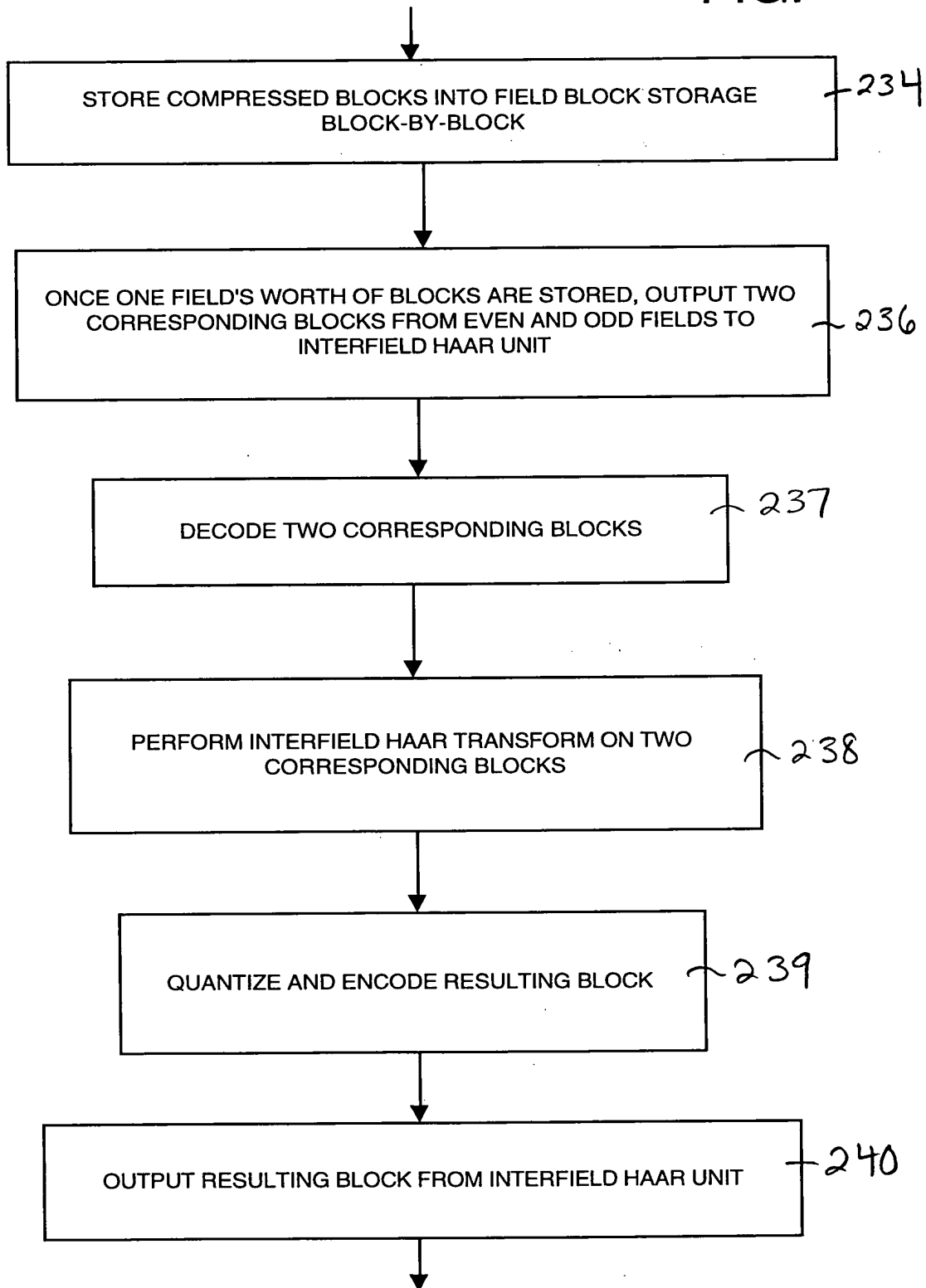
200

FIG. 5A



200

FIG. 5B



200

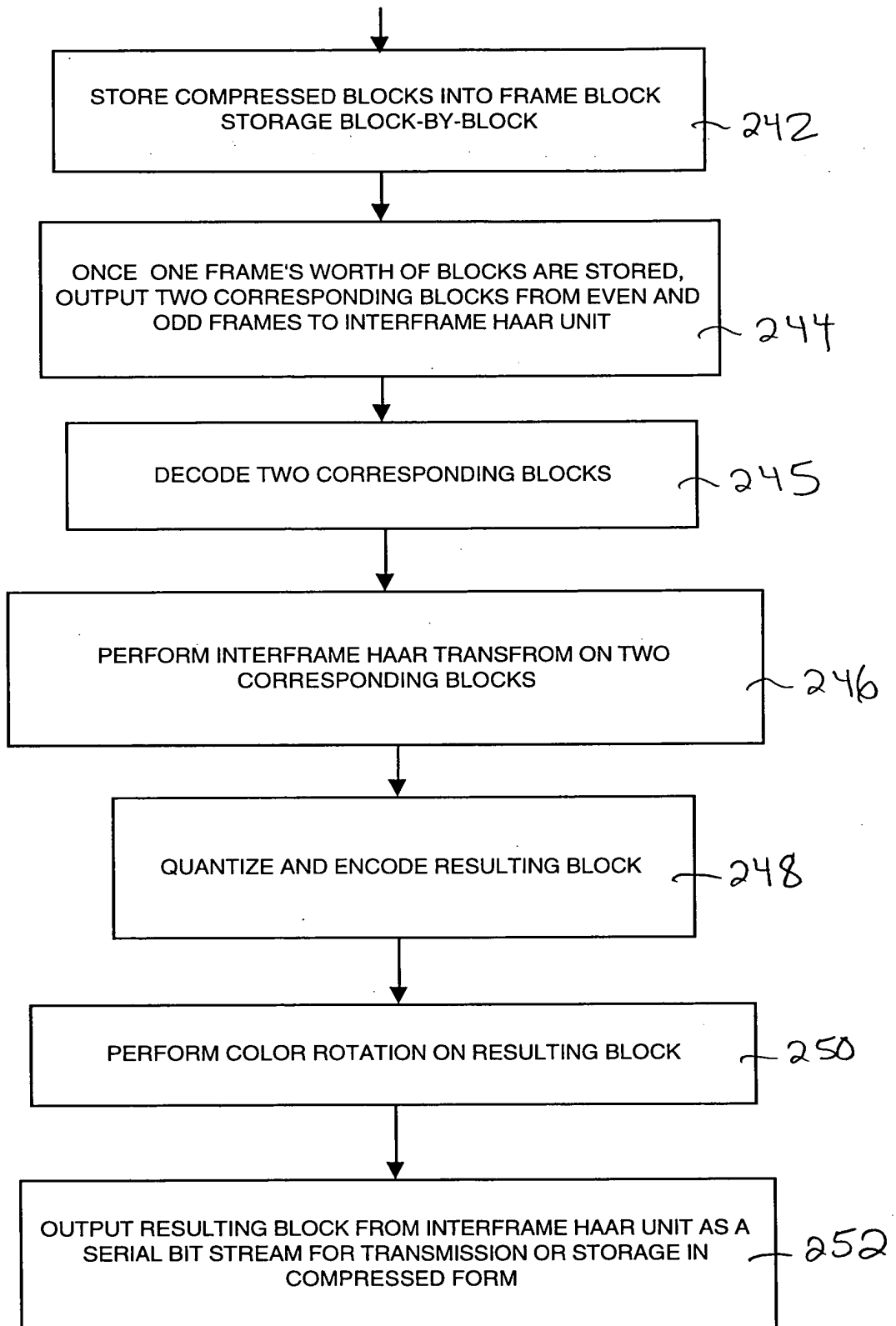
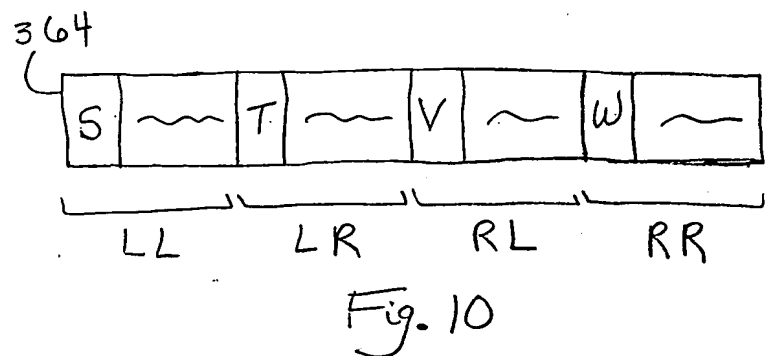
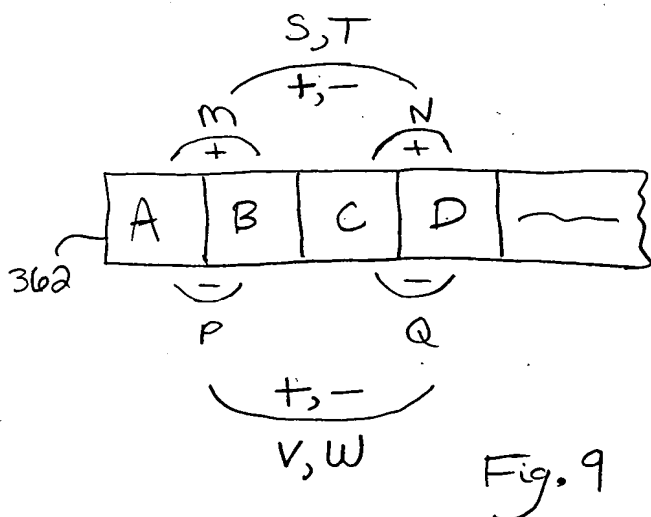
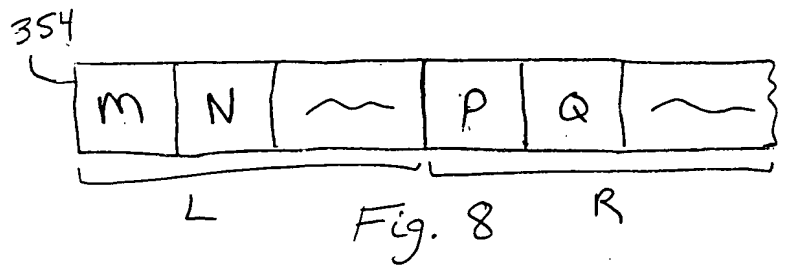
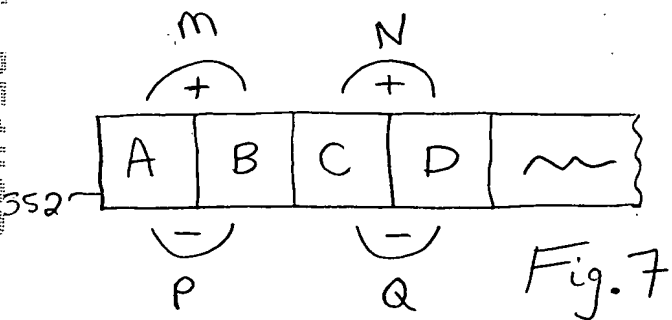
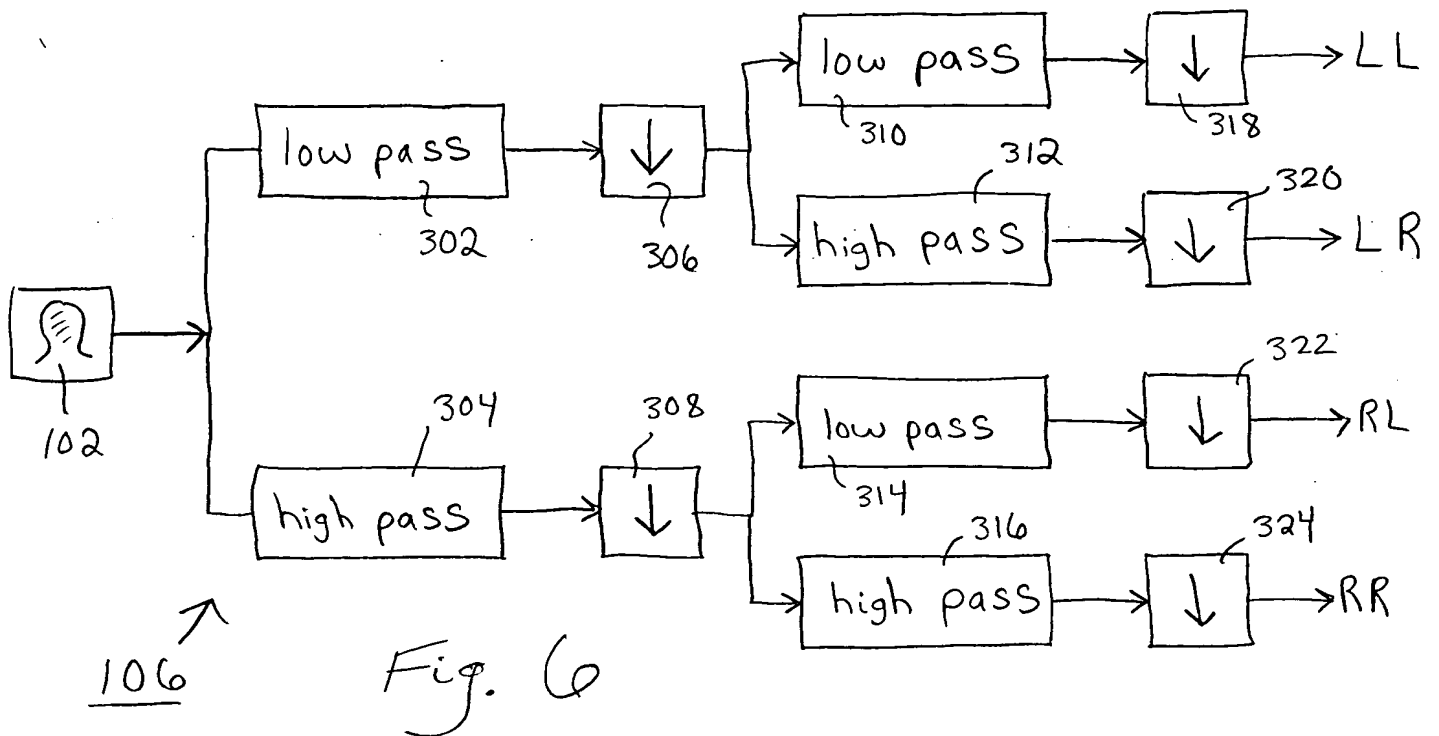


FIG. 5C



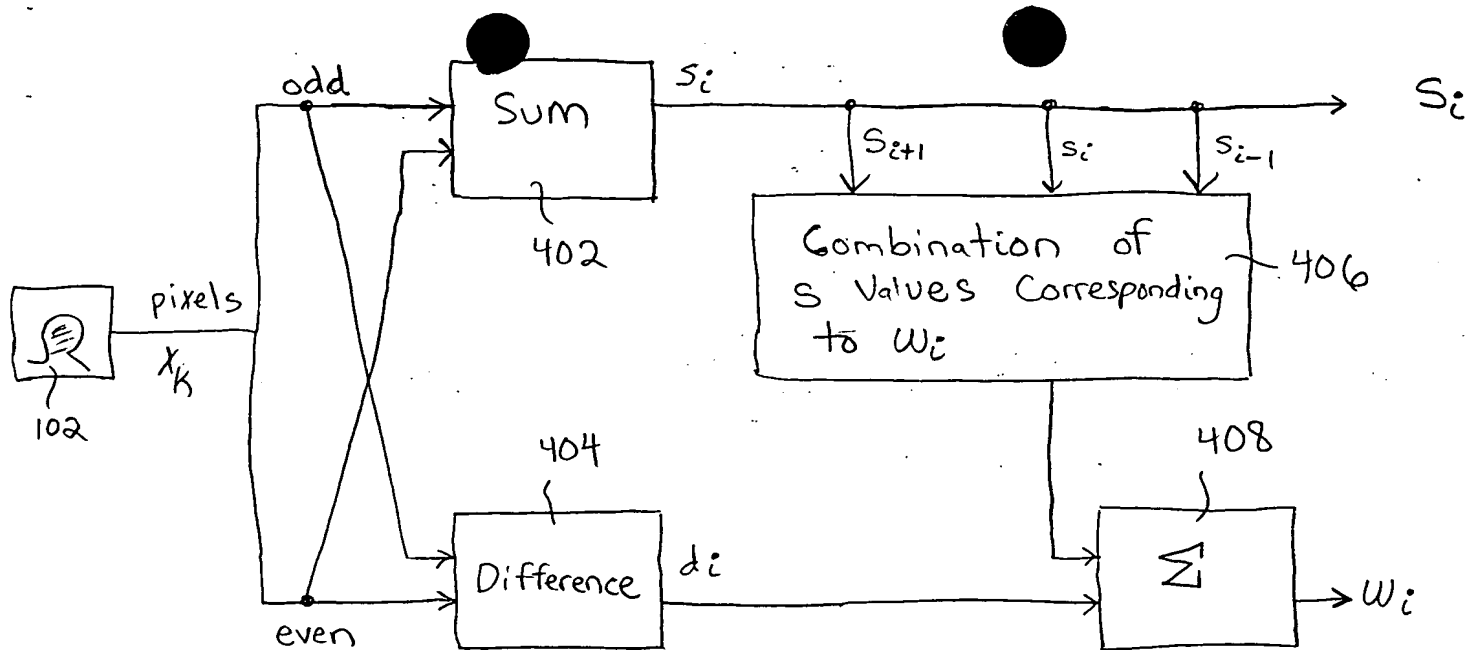


Fig. 11A

106a

	s_0	s_1	s_2	s_3	s_4	s_5	...	s_{n-4}	s_{n-3}	s_{n-2}	s_{n-1}	← 410
w_0	$-\frac{3}{8}$	$\frac{1}{2}$	$-\frac{1}{8}$									420
w_1	$-\frac{1}{8}$	0	$\frac{1}{8}$									422
w_2		$-\frac{1}{8}$	0	$\frac{1}{8}$								424
w_3			$-\frac{1}{8}$	0	$\frac{1}{8}$							426
⋮												428
w_{n-3}								$-\frac{1}{8}$	0	$\frac{1}{8}$		430
w_{n-2}									$-\frac{1}{8}$	0	$\frac{1}{8}$	432
w_{n-1}									$\frac{1}{8}$	$-\frac{1}{2}$	$\frac{3}{8}$	434

↑ 412

Fig. 11B

409

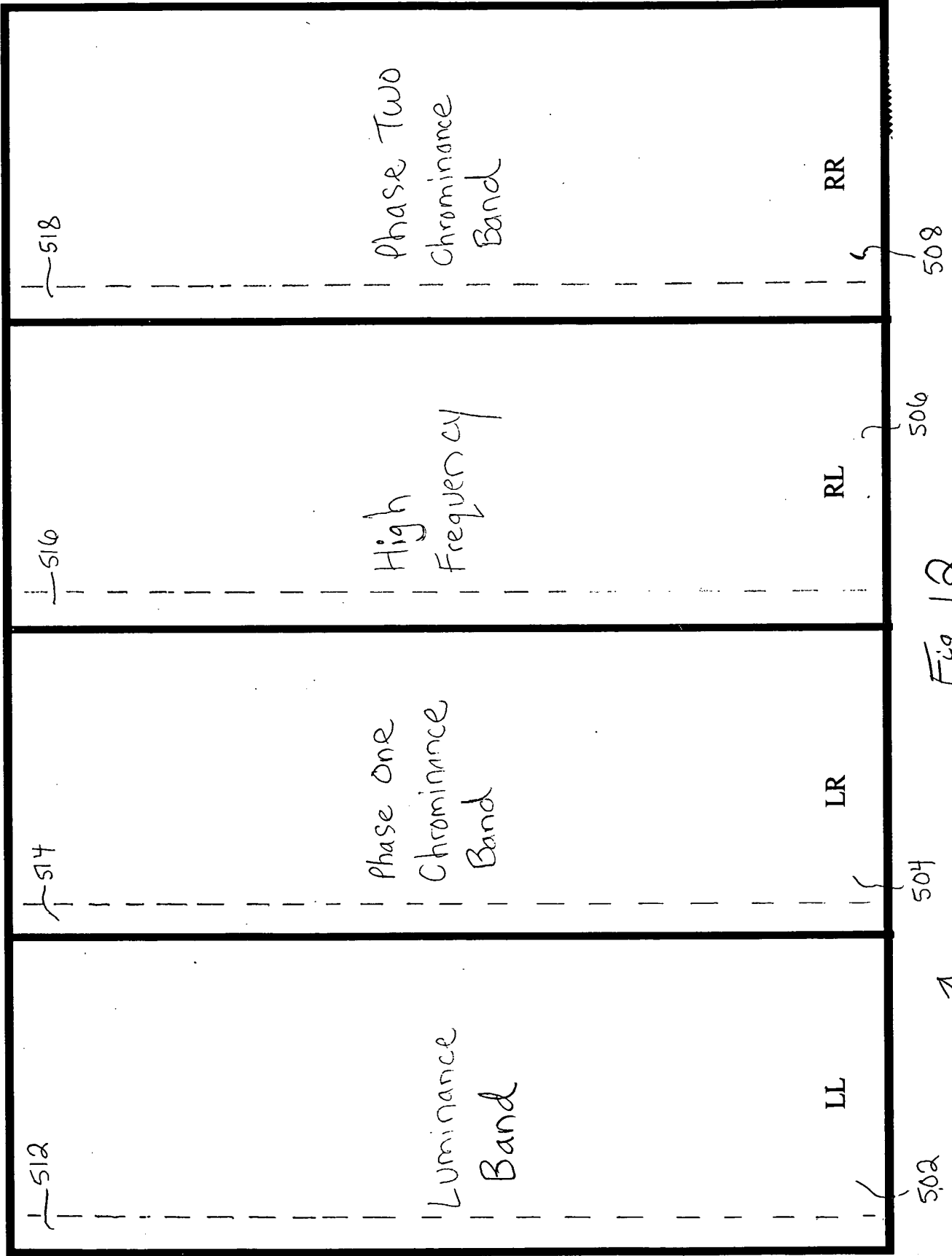


Fig. 12
Stripe After Horizontal Filtering

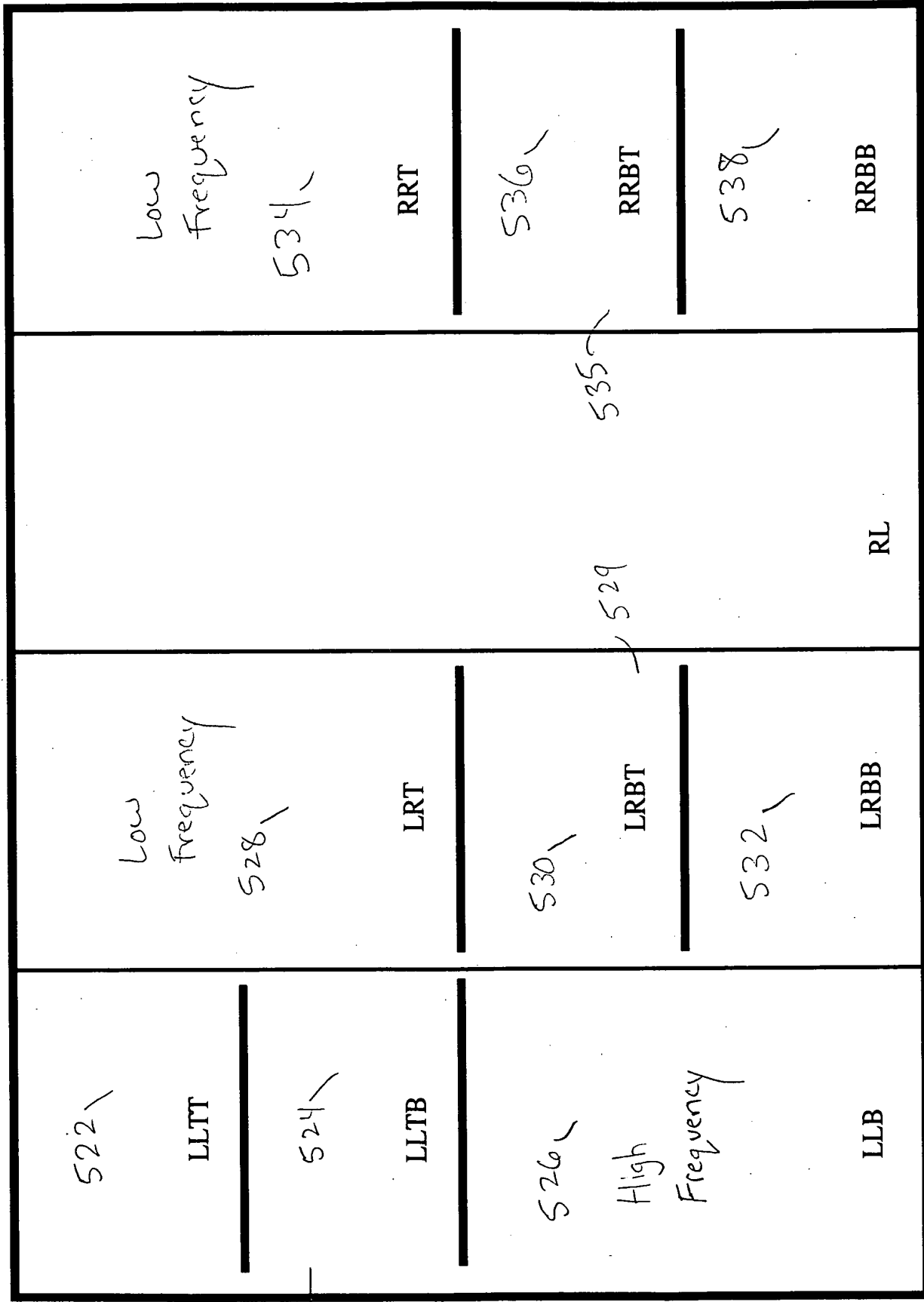
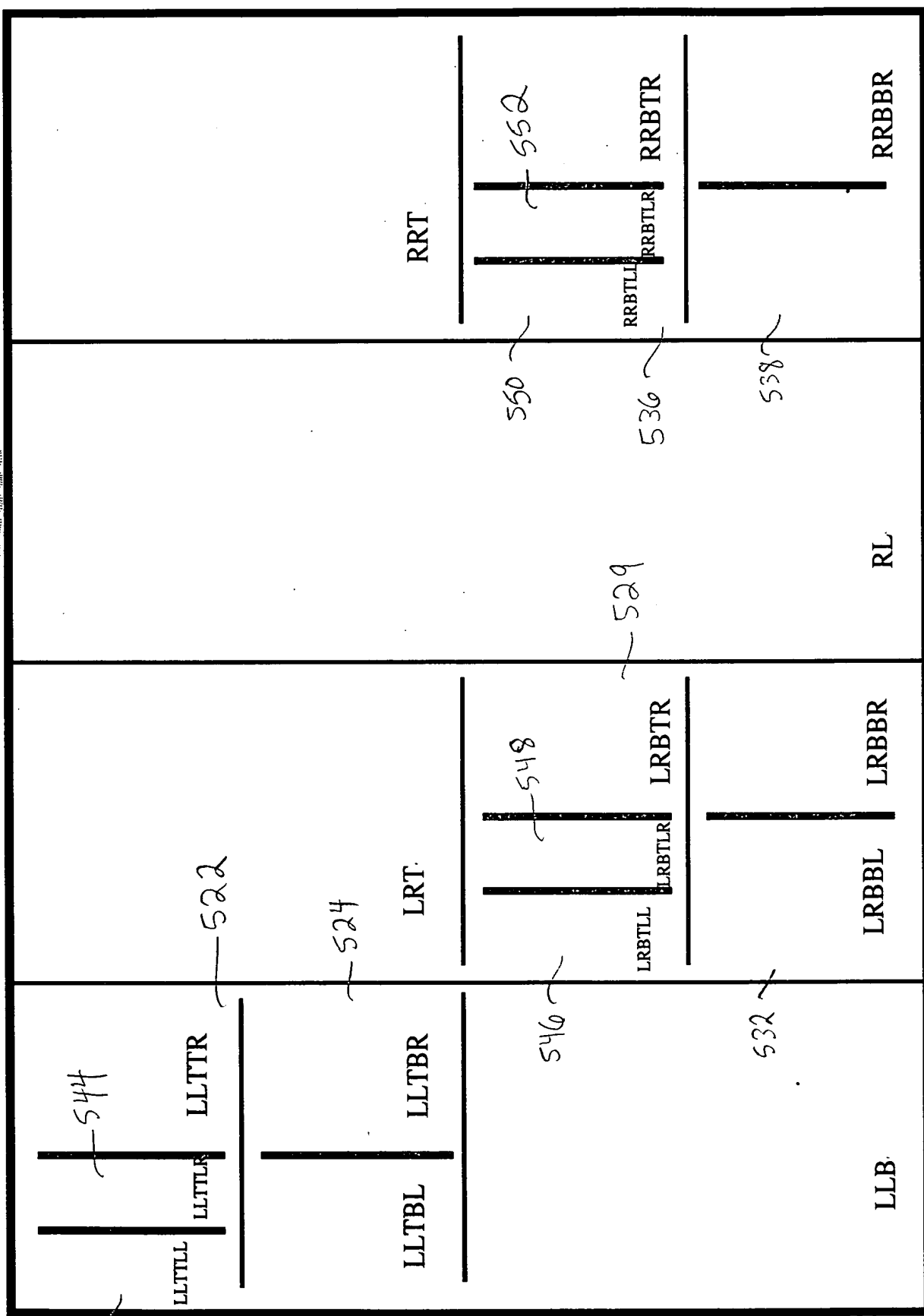


Fig. 13
Block After Pass & Filtering

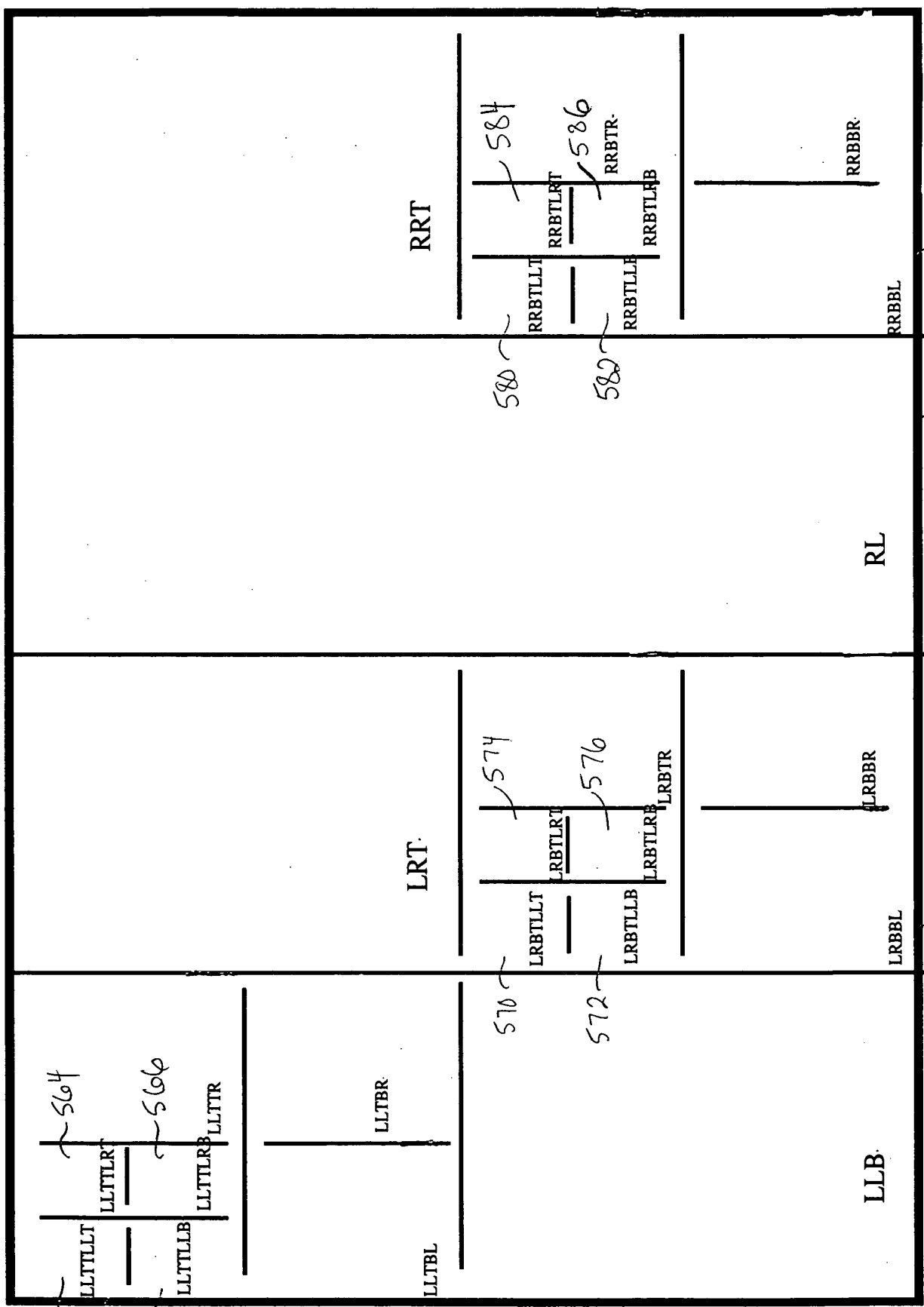
↑
520



512 514 516 518

Fig. 14
Block After Pass 3 Filtering

520



512 520 514 516 518

Fig. 15
Blocks After Pass 4 Filtering

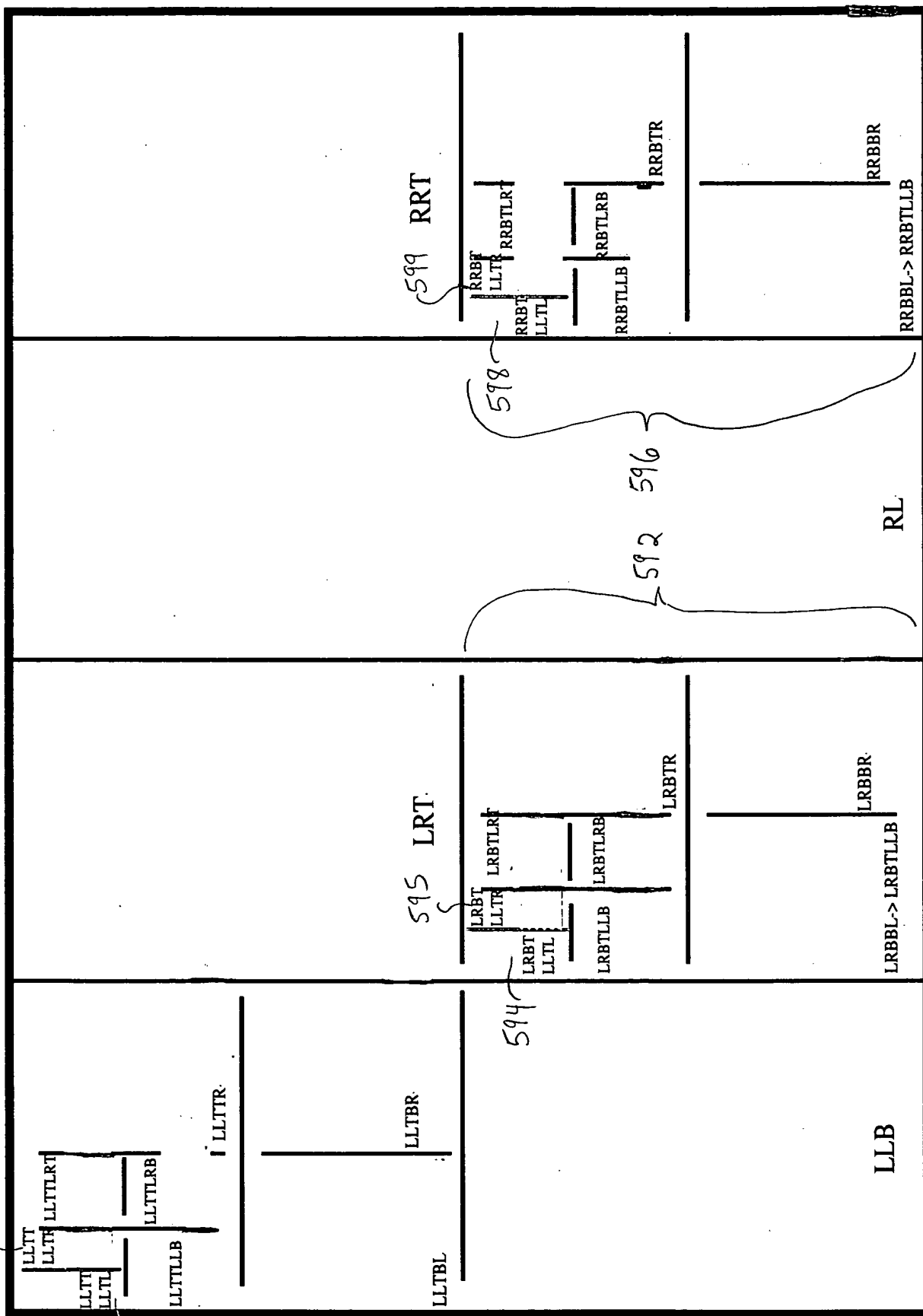
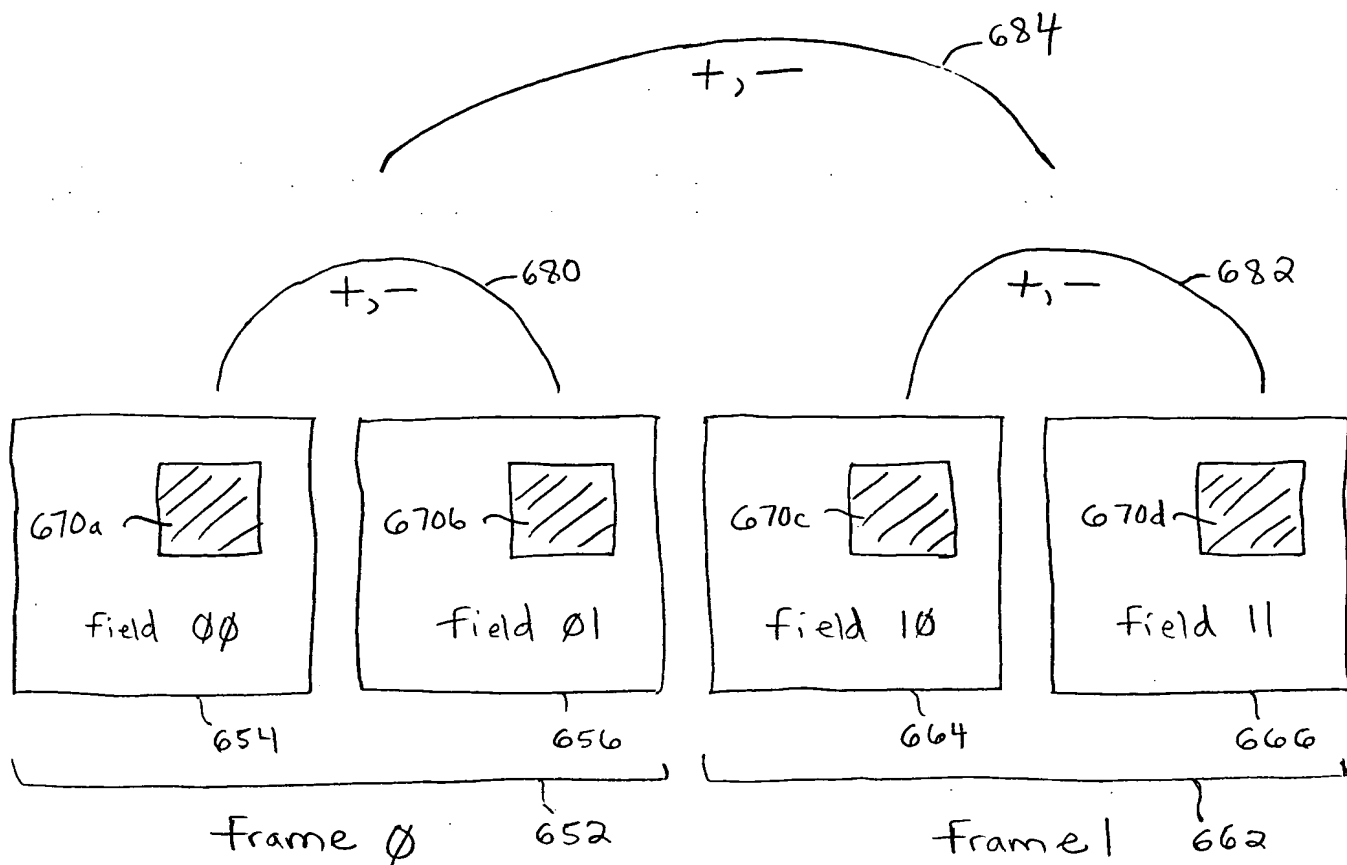


Fig. 16
Block After Pass 5 Filtering



650 \nearrow

Fig. 17

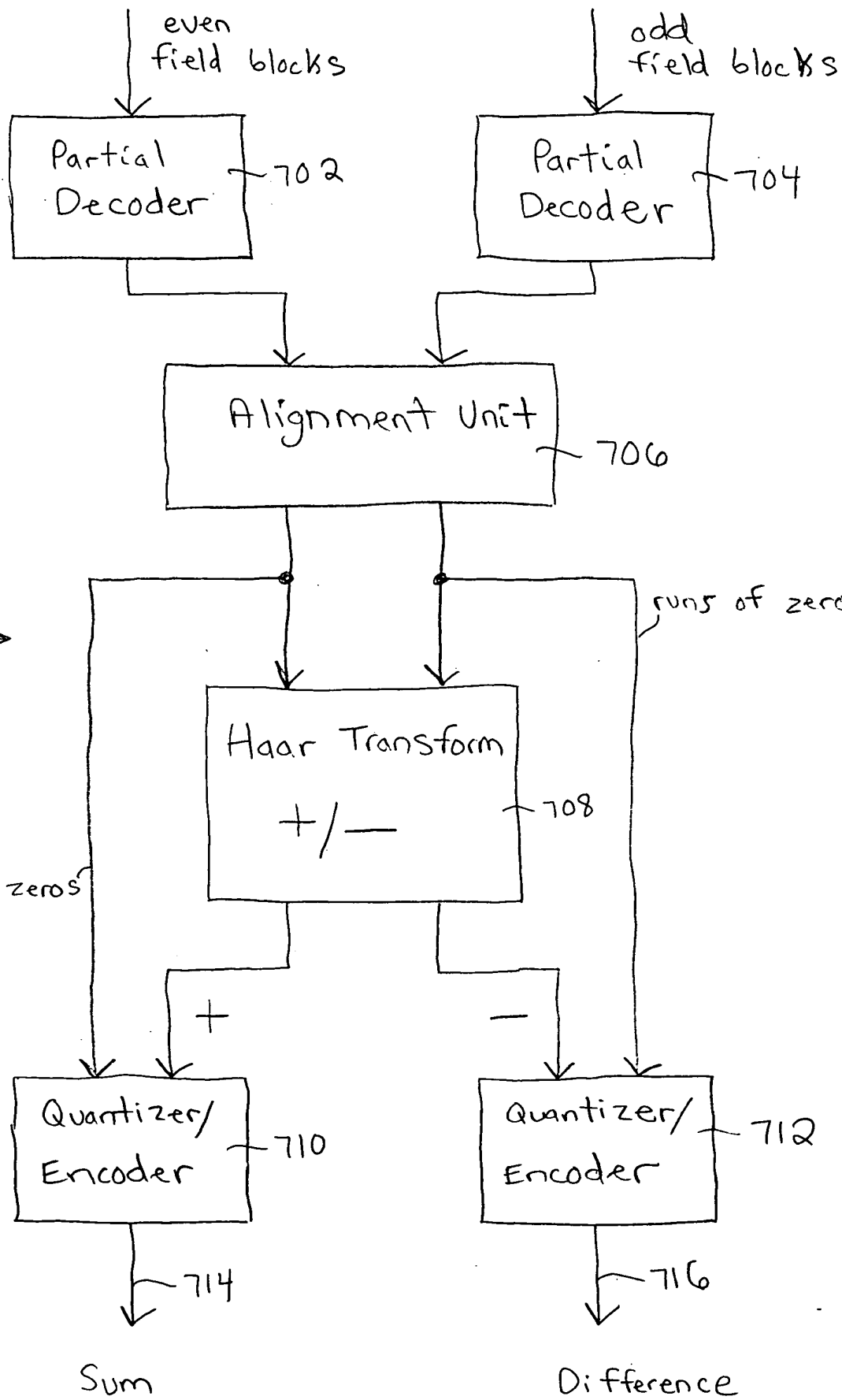


Fig. 18

122 →

runs of zeros

runs of zeros

Sum

Difference

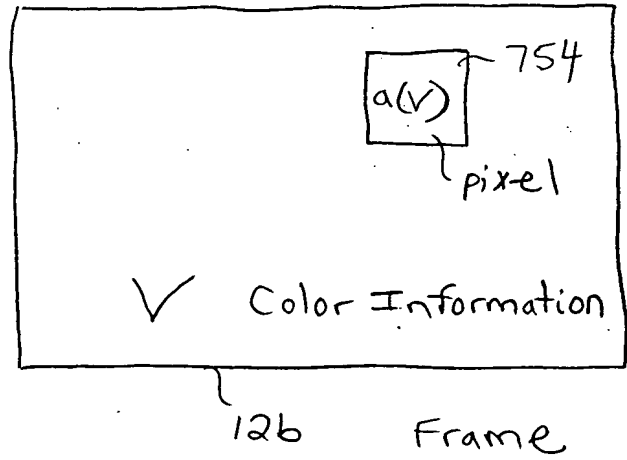
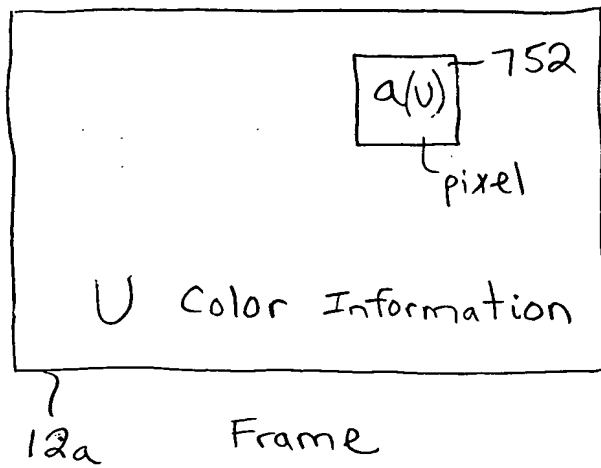
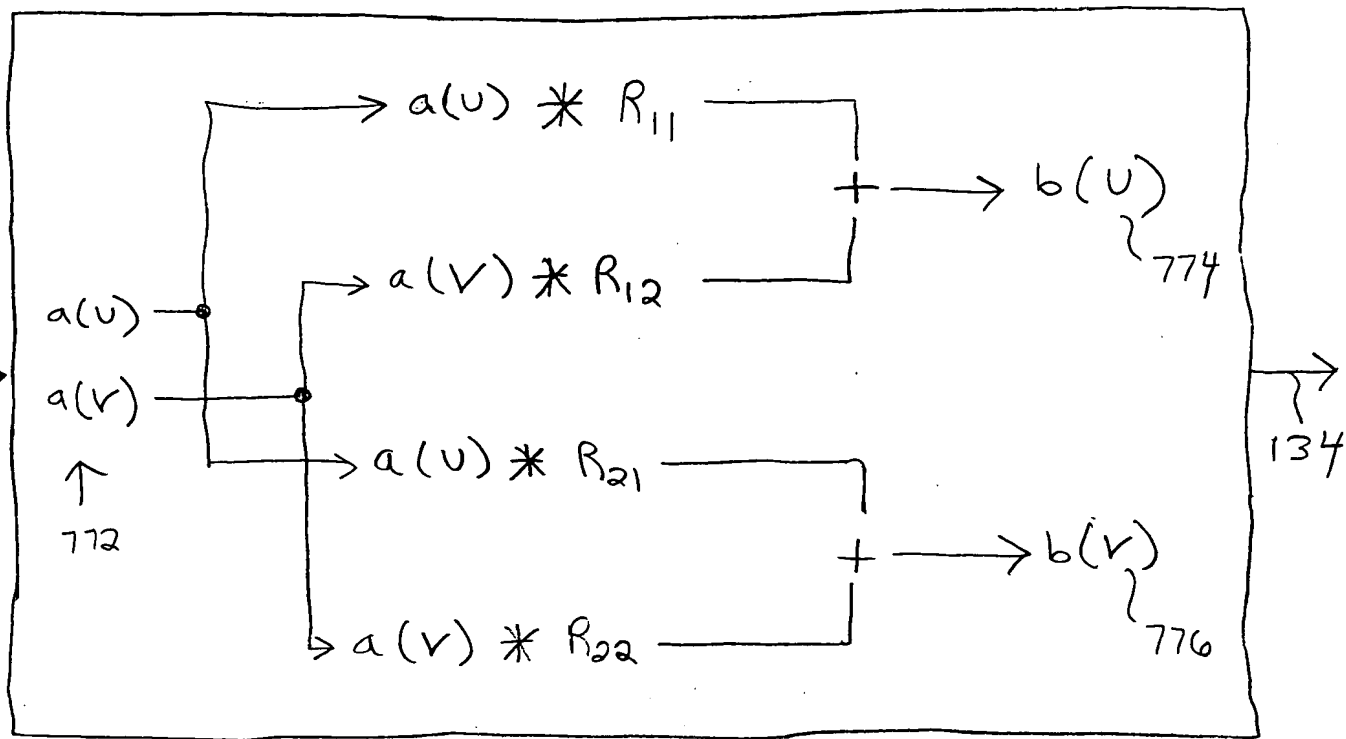


Fig. 19 (prior art)

$$\begin{array}{c} \text{Rotation} \\ \text{Matrix} \\ R \end{array} \left[\begin{array}{c} \text{762} \end{array} \right] * \left[\begin{array}{c} a(u) \\ a(v) \end{array} \right] \left[\begin{array}{c} \text{764} \end{array} \right] = \left[\begin{array}{c} b(u) \\ b(v) \end{array} \right] \left[\begin{array}{c} \text{766} \end{array} \right]$$

760 →

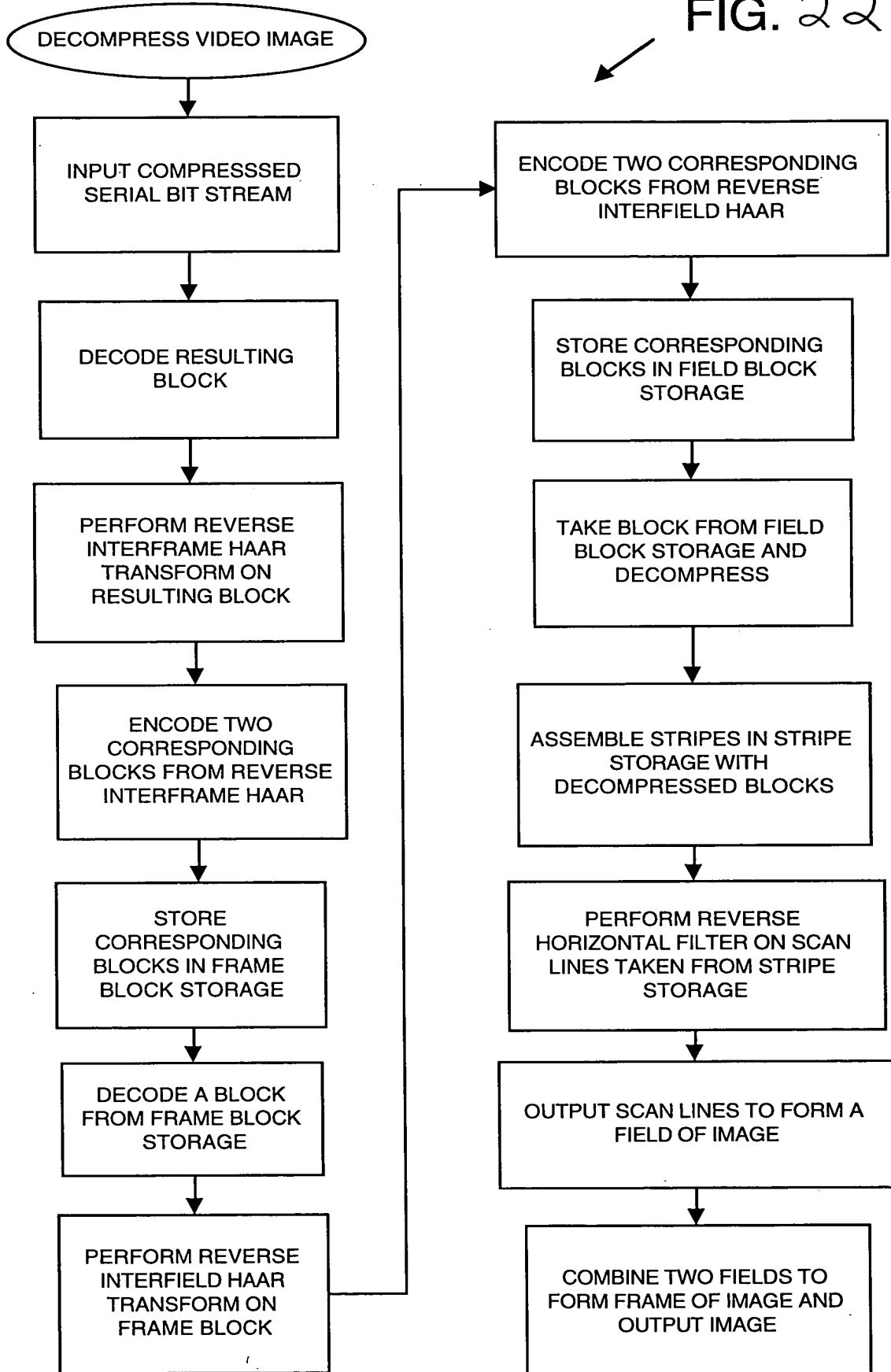
Fig. 20 (prior art)



132

Fig. 21

FIG. 22



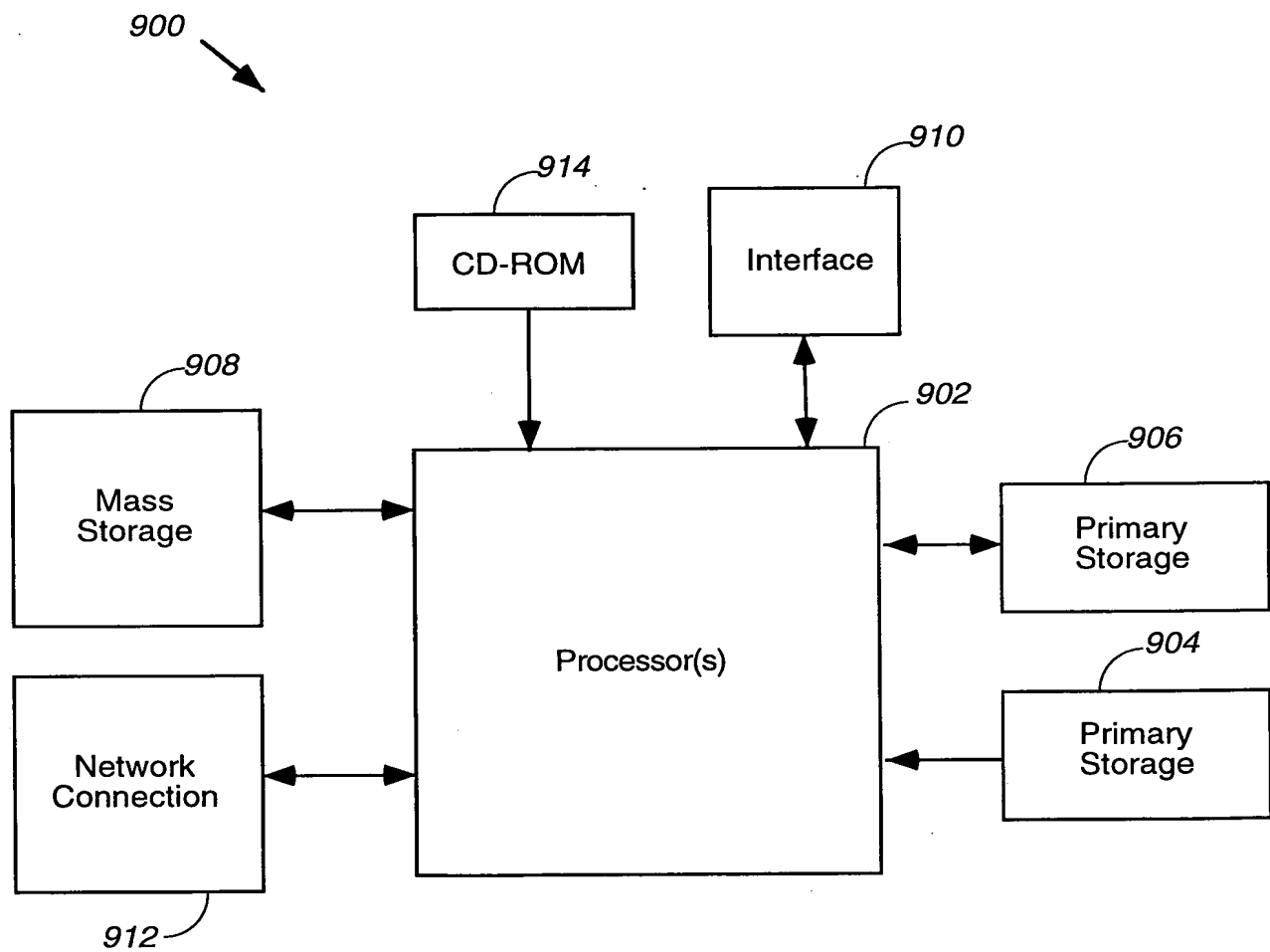


FIG. 23